
APPENDIX D

**Muscoy OU Operations and
Treatment Report (SBMWD) – August
2005**

San Bernardino Municipal Water Department

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W.U. ADMINISTRATION

Operations Monthly Treatment Report

Newmark OU / Towers / 19th St South GAC / 19th St North GAC

SEP 14 2005

Reporting Period: Aug 2005

CITY OF SAN BERNARDINO
MUNICIPAL WATER DEPARTMENT

EPA 17th Street Plant					
Production GAC Wells					
EPA 003	206.125 AF				
GAC Treatment					
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	73.604	610.662	1B	0.000	870.637
2A	68.138	586.934	2B	0.000	893.632
3A	74.516	606.883	3B	0.000	918.530
Totals	216.258 AF	1804.479 AF		0.000 AF	2682.799 AF
Vessels					
TCE-In	0.9				
TCE-Out	0.0				
PCE-In	3.6				
PCE-Out	0.0				
Total	4.5 ug/L	lbs Removed	2.64		

EPA South Plant and Waterman Towers					
Production GAC Wells		Tower Wells	Wells	Towers	
		Waterman	279.552	TCE+PCE-In	5.0 TCE+PCE-Out 0.0
		30th St.	327.635	TCE+PCE-In	5.0 TCE+PCE-Out 0.0
		South Total	607.187 AF		
		Leroy	122.461	TCE+PCE-In	5.0 TCE+PCE-Out 0.0
EPA 002	169.862	31st St.	54.793	TCE+PCE-In	5.0 TCE+PCE-Out 0.0
EPA 004	206.325				
EPA 005	215.680				
Total	591.867 AF	North Total	177.254 AF		
GAC Treatment					
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	78.955	196.952	1B	0.000	1015.341
2A	76.852	175.815	2B	0.000	1012.581
3A	78.958	189.440	3B	0.000	994.248
4A	82.082	196.243	4B	0.000	1030.361
5A	79.245	180.959	5B	0.000	989.723
6A	27.265	118.435	6B	0.000	1033.084
7A	81.253	175.720	7B	0.000	1046.111
8A	92.064	207.766	8B	0.000	1198.688
Totals	596.674 AF	1441.330 AF		0.000 AF	8320.137 AF
Vessels			Towers		
TCE-In	0.5		#s Removed Waterman	3.80	
TCE-Out	0.0		#s Removed 30th St	4.45	
PCE-In	1.9		#s Removed Leroy	1.66	
PCE-Out	0.0		#s Removed 31st St	0.74	
Total	2.4 ug/L	lbs Removed	3.89	Total pounds Removed Tower	10.66

San Bernardino Municipal Water Department

Operations Monthly Treatment Report

Newmark OU / Towers / 19th St South GAC / 19th St North GAC

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EPA North Plant and Newmark Towers									
			Tower Wells						
Production GAC Wells			Newmark 1		66.171	TCE+PCE-In	0.5	TCE+PCE-Out	0.0
EPA 006	49.871		Newmark 4		235.409	TCE+PCE-In	0.5	TCE+PCE-Out	0.0
EPA 007	180.934		West Tower		301.580 AF				
NM3	118.200		Newmark 2		29.513	TCE+PCE-In	0.5	TCE+PCE-Out	0.0
Total		349.005 AF	North Total		29.513 AF				
GAC Treatment									
Vessel		Monthly Treated	Total Since Change-out		Vessel		Monthly Treated	Total Since Change-out	
1A		0.000	0.000		1B		35.863	488.816	
2A		0.000	0.000		2B		62.681	481.271	
3A		0.000	0.000		3B		25.177	373.440	
4A		0.000	0.000		4B		53.386	463.854	
5A		0.000	0.000		5B		57.833	444.835	
6A		0.000	0.000		6B		47.390	503.616	
7A		0.000	0.000		7B		67.009	490.140	
Totals		0.000 AF	0.000 AF				349.339 AF	3245.972 AF	
Vessels					Towers				
TCE-In		0.5				#'s Removed Newmark 1		0.09	
TCE-Out		0.0				#'s Removed Newmark 4		0.32	
PCE-In		4.0				#'s Removed Newmark 2		0.04	
PCE-Out		0.0							
Total		4.5 ug/L	lbs Removed		4.27	Total pounds Removed Tower		0.45	

19th Street South Plant					
Production GAC Wells					
19th St 1	95.204				
19th St 2	0.032 AF				
Mt Vernon	0.709				
Total	95.945 AF				
GAC Treatment					
Vessel	Monthly Treated	Total Since Change-out	Vessel	Monthly Treated	Total Since Change-out
1A	69.529	501.892	1B	0.000	0.000
2A	72.633	517.874	2B	0.000	0.000
3A	77.415	557.537	3B	0.000	0.000
4A	79.775	532.633	4B	0.000	0.000
Totals	299.352 AF	2109.936 AF		0.000 AF	0.000 AF
Vessels					
TCE-In	0.5				
TCE-Out	0.0				
PCE-In	3.6				
PCE-Out	0.0				
Total	4.1 ug/L	lbs Removed	3.34		